

2004-2006 Arizona Statewide Occupational Projections

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
00-0000	Total, All Occupations	2,517,803	2,712,831	195,028	7.7%	97,514	63,200	160,714
11-0000	Management Occupations	136,556	146,549	9,993	7.3%	4,997	2,284	7,281
11-1000	Top Executives	31,124	33,450	2,326	7.5%	1,163	524	1,687
11-1011	Chief Executives	8,012	8,606	594	7.4%	297	137	434
11-1021	General and Operations Managers	22,528	24,240	1,712	7.6%	856	381	1,237
11-1031	Legislators	584	604	20	3.4%	10	7	17
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	13,752	15,009	1,257	9.1%	629	228	857
11-2011	Advertising and Promotions Managers	1,032	1,127	95	9.2%	48	17	65
11-2021	Marketing Managers	3,426	3,664	238	6.9%	119	57	176
11-2022	Sales Managers	8,253	9,094	841	10.2%	421	138	559
11-2031	Public Relations Managers	1,041	1,124	83	8.0%	42	16	58
11-3000	Operations Specialties Managers	30,905	33,142	2,237	7.2%	1,119	457	1,576
11-3011	Administrative Services Managers	5,241	5,677	436	8.3%	218	92	310
11-3021	Computer and Information Systems Managers	4,978	5,403	425	8.5%	213	80	293
11-3031	Financial Managers	12,057	12,944	887	7.4%	444	147	591
11-3040	Human Resources Managers	3,736	4,017	281	7.5%	141	51	192
11-3051	Industrial Production Managers	2,252	2,339	87	3.9%	44	39	83
11-3061	Purchasing Managers	1,483	1,536	53	3.6%	27	29	56
11-3071	Transportation, Storage, and Distribution Managers	1,158	1,226	68	5.9%	34	21	55
11-9000	Other Management Occupations	60,775	64,948	4,173	6.9%	2,087	1,075	3,162
11-9011	Farm, Ranch, and Other Agricultural Managers	2,512	2,482	-30	-1.2%	-15	44	29
11-9012	Farmers and Ranchers	73	68	-5	-6.8%	-3	1	-2
11-9021	Construction Managers	5,985	6,635	650	10.9%	325	97	422
11-9031	Education Administrators, Preschool and Child Care Center/Program	1,097	1,242	145	13.2%	73	25	98
11-9032	Education Administrators, Elementary and Secondary School	3,085	3,355	270	8.8%	135	74	209
11-9033	Education Administrators, Postsecondary	2,698	2,905	207	7.7%	104	69	173
11-9039	Education Administrators, All Other	306	335	29	9.5%	15	7	22
11-9041	Engineering Managers	4,728	4,974	246	5.2%	123	85	208
11-9051	Food Service Managers	10,486	11,172	686	6.5%	343	160	503
11-9061	Funeral Directors	285	299	14	4.9%	7	8	15
11-9071	Gaming Managers	653	661	8	1.2%	4	11	15
11-9081	Lodging Managers	1,936	2,062	126	6.5%	63	29	92
11-9111	Medical and Health Services Managers	4,532	5,001	469	10.3%	235	77	312
11-9121	Natural Sciences Managers	618	649	31	5.0%	16	11	27
11-9131	Postmasters and Mail Superintendents	166	173	7	4.2%	4	3	7
11-9141	Property, Real Estate, and Community Association Managers	6,316	6,800	484	7.7%	242	108	350

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11-9151	Social and Community Service Managers	2,906	3,216	310	10.7%	155	50	205
11-9199	Managers, All Other	12,393	12,919	526	4.2%	263	219	482
13-0000	Business and Financial Operations Occupations	107,286	115,742	8,456	7.9%	4,228	1,708	5,936
13-1000	Business Operations Specialists	54,850	59,142	4,292	7.8%	2,146	863	3,009
13-1011	Agents and Business Managers of Artists, Performers, and	268	289	21	7.8%	11	5	16
13-1021	Purchasing Agents and Buyers, Farm Products	353	375	22	6.2%	11	13	24
13-1022	Wholesale and Retail Buyers, Except Farm Products	2,965	3,155	190	6.4%	95	78	173
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm	4,400	4,639	239	5.4%	120	103	223
13-1031	Claims Adjusters, Examiners, and Investigators	4,942	5,309	367	7.4%	184	54	238
13-1032	Insurance Appraisers, Auto Damage	269	286	17	6.3%	9	3	12
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	2,541	2,654	113	4.4%	57	54	111
13-1051	Cost Estimators	4,009	4,442	433	10.8%	217	84	301
13-1061	Emergency Management Specialists	92	101	9	9.8%	5	2	7
13-1071	Employment, Recruitment, and Placement Specialists	3,304	3,586	282	8.5%	141	43	184
13-1072	Compensation, Benefits, and Job Analysis Specialists	1,541	1,683	142	9.2%	71	21	92
13-1073	Training and Development Specialists	5,704	6,187	483	8.5%	242	74	316
13-1111	Management Analysts	13,761	14,877	1,116	8.1%	558	166	724
13-1121	Meeting and Convention Planners	1,007	1,079	72	7.1%	36	21	57
13-1199	Business Operations Specialists, All Other	9,694	10,480	786	8.1%	393	145	538
13-2000	Financial Specialists	52,436	56,600	4,164	7.9%	2,082	845	2,927
13-2011	Accountants and Auditors	23,519	25,568	2,049	8.7%	1,025	411	1,436
13-2021	Appraisers and Assessors of Real Estate	3,655	3,898	243	6.6%	122	72	194
13-2031	Budget Analysts	2,260	2,418	158	7.0%	79	33	112
13-2041	Credit Analysts	3,827	4,090	263	6.9%	132	53	185
13-2051	Financial Analysts	4,177	4,463	286	6.8%	143	55	198
13-2052	Personal Financial Advisors	2,663	2,936	273	10.3%	137	31	168
13-2053	Insurance Underwriters	1,803	1,932	129	7.2%	65	30	95
13-2061	Financial Examiners	354	376	22	6.2%	11	8	19
13-2071	Loan Counselors	736	790	54	7.3%	27	11	38
13-2072	Loan Officers	6,650	7,141	491	7.4%	246	96	342
13-2081	Tax Examiners, Collectors, and Revenue Agents	496	517	21	4.2%	11	11	22
13-2082	Tax Preparers	1,013	1,119	106	10.5%	53	15	68
13-2099	Financial Specialists, All Other	1,283	1,352	69	5.4%	35	21	56
15-0000	Computer and Mathematical Occupations	50,644	54,307	3,663	7.2%	1,832	595	2,427
15-1000	Computer Specialists	48,951	52,549	3,598	7.4%	1,799	557	2,356
15-1011	Computer and Information Scientists, Research	487	499	12	2.5%	6	5	11
15-1021	Computer Programmers	7,270	7,579	309	4.3%	155	161	316

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15-1031	Computer Software Engineers, Applications	6,755	7,314	559	8.3%	280	54	334
15-1032	Computer Software Engineers, Systems Software	4,619	4,917	298	6.5%	149	37	186
15-1041	Computer Support Specialists	13,218	14,163	945	7.1%	473	144	617
15-1051	Computer Systems Analysts	6,479	7,000	521	8.0%	261	62	323
15-1061	Database Administrators	1,485	1,625	140	9.4%	70	13	83
15-1071	Network and Computer Systems Administrators	3,951	4,263	312	7.9%	156	37	193
15-1081	Network Systems and Data Communications Analysts	3,252	3,602	350	10.8%	175	33	208
15-1099	Computer Specialists, All Other	1,435	1,587	152	10.6%	76	14	90
15-2000	Mathematical Scientists	1,693	1,758	65	3.8%	33	38	71
15-2011	Actuaries	75	81	6	8.0%	3	3	6
15-2021	Mathematicians	63	68	5	7.9%	3	3	6
15-2031	Operations Research Analysts	1,426	1,468	42	2.9%	21	29	50
15-2041	Statisticians	109	118	9	8.3%	5	3	8
15-2091	Mathematical Technicians	**	**	**	14.3%	**	**	**
15-2099	Mathematical Science Occupations, All Other	13	15	2	15.4%	1	1	2
17-0000	Architecture and Engineering Occupations	58,547	61,574	3,027	5.2%	1,514	1,233	2,747
17-1000	Architects, Surveyors, and Cartographers	5,207	5,794	587	11.3%	294	103	397
17-1011	Architects, Except Landscape and Naval	2,468	2,785	317	12.8%	159	25	184
17-1012	Landscape Architects	826	920	94	11.4%	47	9	56
17-1021	Cartographers and Photogrammetrists	156	168	12	7.7%	6	6	12
17-1022	Surveyors	1,757	1,921	164	9.3%	82	64	146
17-1099	Architects, Surveyors, and Cartographers, All Other (OES	**	**	**	**	**	**	**
17-2000	Engineers	34,576	35,969	1,393	4.0%	697	701	1,398
17-2011	Aerospace Engineers	4,113	4,215	102	2.5%	51	100	151
17-2021	Agricultural Engineers	77	83	6	7.8%	3	3	6
17-2031	Biomedical Engineers	91	100	9	9.9%	5	2	7
17-2041	Chemical Engineers	295	313	18	6.1%	9	9	18
17-2051	Civil Engineers	5,007	5,448	441	8.8%	221	73	294
17-2061	Computer Hardware Engineers	2,167	2,184	17	0.8%	9	32	41
17-2071	Electrical Engineers	5,022	5,131	109	2.2%	55	91	146
17-2072	Electronics Engineers, Except Computer	5,505	5,614	109	2.0%	55	98	153
17-2081	Environmental Engineers	821	912	91	11.1%	46	13	59
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	848	895	47	5.5%	24	20	44
17-2112	Industrial Engineers	2,562	2,657	95	3.7%	48	58	106
17-2121	Marine Engineers and Naval Architects	16	15	-1	-6.3%	-1	1	1
17-2131	Materials Engineers	256	261	5	2.0%	3	7	10
17-2141	Mechanical Engineers	5,010	5,156	146	2.9%	73	138	211

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17-2151	Mining and Geological Engineers, Including Mining Safety	203	219	16	7.9%	8	6	14
17-2161	Nuclear Engineers	529	548	19	3.6%	10	16	26
17-2171	Petroleum Engineers	44	47	3	6.8%	2	2	4
17-2199	Engineers, All Other	2,010	2,171	161	8.0%	81	36	117
17-3000	Drafters, Engineering, and Mapping Technicians	18,764	19,811	1,047	5.6%	524	430	954
17-3011	Architectural and Civil Drafters	1,870	2,048	178	9.5%	89	52	141
17-3012	Electrical and Electronics Drafters	1,824	1,846	22	1.2%	11	49	60
17-3013	Mechanical Drafters	1,219	1,267	48	3.9%	24	34	58
17-3021	Aerospace Engineering and Operations Technicians	426	434	8	1.9%	4	8	12
17-3022	Civil Engineering Technicians	1,656	1,806	150	9.1%	75	33	108
17-3023	Electrical and Electronic Engineering Technicians	6,412	6,624	212	3.3%	106	123	229
17-3024	Electro-Mechanical Technicians	672	715	43	6.4%	22	13	35
17-3025	Environmental Engineering Technicians	286	316	30	10.5%	15	6	21
17-3026	Industrial Engineering Technicians	644	663	19	3.0%	10	13	23
17-3027	Mechanical Engineering Technicians	1,402	1,525	123	8.8%	62	27	89
17-3031	Surveying and Mapping Technicians	1,229	1,381	152	12.4%	76	49	125
17-3099	Drafters, Engineering, and Mapping Technicians, All Other	1,124	1,186	62	5.5%	31	26	57
19-0000	Life, Physical, and Social Science Occupations	15,179	16,310	1,131	7.5%	566	363	929
19-1000	Life Scientists	1,957	2,107	150	7.7%	75	44	119
19-1010	Agricultural and Food Scientists	157	165	8	5.1%	4	3	7
19-1021	Biochemists and Biophysicists	30	32	2	6.7%	1	1	2
19-1022	Microbiologists	85	94	9	10.6%	5	3	8
19-1023	Zoologists and Wildlife Biologists	221	233	12	5.4%	6	7	13
19-1029	Biological Scientists, All Other	230	238	8	3.5%	4	7	11
19-1031	Conservation Scientists	141	148	7	5.0%	4	4	8
19-1032	Foresters	167	173	6	3.6%	3	5	8
19-1041	Epidemiologists	80	88	8	10.0%	4	2	6
19-1042	Medical Scientists, Except Epidemiologists	563	628	65	11.5%	33	9	42
19-1099	Life Scientists, All Other	283	308	25	8.8%	13	5	18
19-2000	Physical Scientists	2,649	2,860	211	8.0%	106	63	169
19-2011	Astronomers	17	17	0	0.0%	0	1	1
19-2012	Physicists	235	259	24	10.2%	12	8	20
19-2021	Atmospheric and Space Scientists	43	44	1	2.3%	1	2	3
19-2031	Chemists	662	717	55	8.3%	28	22	50
19-2032	Materials Scientists	229	253	24	10.5%	12	8	20
19-2041	Environmental Scientists and Specialists, Including Health	783	849	66	8.4%	33	12	45
19-2042	Geoscientists, Except Hydrologists and Geographers	210	226	16	7.6%	8	3	11
19-2043	Hydrologists	333	357	24	7.2%	12	5	17

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19-2099	Physical Scientists, All Other	137	138	1	0.7%	1	3	4
19-3000	Social Scientists and Related Workers	7,482	8,047	565	7.6%	283	187	470
19-3011	Economists	139	149	10	7.2%	5	4	9
19-3021	Market Research Analysts	2,666	2,848	182	6.8%	91	70	161
19-3022	Survey Researchers	517	560	43	8.3%	22	14	36
19-3031	Clinical, Counseling, and School Psychologists	2,136	2,355	219	10.3%	110	46	156
19-3032	Industrial-Organizational Psychologists	29	30	1	3.4%	1	1	2
19-3041	Sociologists	42	46	4	9.5%	2	2	4
19-3051	Urban and Regional Planners	935	993	58	6.2%	29	30	59
19-3091	Anthropologists and Archeologists	121	127	6	5.0%	3	3	6
19-3092	Geographers	**	**	**	**	**	**	**
19-3093	Historians	15	15	0	0.0%	0	1	1
19-3094	Political Scientists	**	**	**	16.7%	**	**	**
19-3099	Social Scientists and Related Workers, All Other	869	910	41	4.7%	21	18	39
19-4000	Life, Physical, and Social Science Technicians	3,091	3,296	205	6.6%	103	71	174
19-4011	Agricultural and Food Science Technicians	59	60	1	1.7%	1	1	2
19-4021	Biological Technicians	228	243	15	6.6%	8	4	12
19-4031	Chemical Technicians	541	583	42	7.8%	21	13	34
19-4041	Geological and Petroleum Technicians	11	12	1	9.1%	1	1	2
19-4051	Nuclear Technicians	**	**	**	8.5%	**	**	**
19-4091	Environmental Science and Protection Technicians, Including Health	260	293	33	12.7%	17	6	23
19-4092	Forensic Science Technicians	414	443	29	7.0%	15	10	25
19-4093	Forest and Conservation Technicians	545	562	17	3.1%	9	13	22
19-4099	Life, Physical, and Social Science Technicians, All Other	728	769	41	5.6%	21	17	38
21-0000	Community and Social Services Occupations	27,331	29,912	2,581	9.4%	1,291	483	1,774
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists	23,409	25,716	2,307	9.9%	1,154	422	1,576
21-1011	Substance Abuse and Behavioral Disorder Counselors	870	956	86	9.9%	43	19	62
21-1012	Educational, Vocational, and School Counselors	4,159	4,436	277	6.7%	139	96	235
21-1013	Marriage and Family Therapists	340	380	40	11.8%	20	7	27
21-1014	Mental Health Counselors	1,752	1,939	187	10.7%	94	37	131
21-1015	Rehabilitation Counselors	1,773	1,980	207	11.7%	104	37	141
21-1021	Child, Family, and School Social Workers	4,102	4,455	353	8.6%	177	62	239
21-1022	Medical and Public Health Social Workers	1,151	1,291	140	12.2%	70	18	88
21-1023	Mental Health and Substance Abuse Social Workers	1,331	1,473	142	10.7%	71	20	91
21-1091	Health Educators	505	549	44	8.7%	22	8	30
21-1092	Probation Officers and Correctional Treatment Specialists	3,142	3,314	172	5.5%	86	50	136

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21-1093	Social and Human Service Assistants	4,284	4,943	659	15.4%	330	69	399
21-2000	Religious Workers	1,404	1,474	70	5.0%	35	19	54
21-2011	Clergy	524	547	23	4.4%	12	11	23
21-2021	Directors, Religious Activities and Education	880	927	47	5.3%	24	9	33
21-9000	Miscellaneous Counselors, Social, & Religious Workers	2,518	2,722	204	8.1%	102	43	145
21-9099	Counselors, Social, and Religious Workers, All Other (OES Only)	2,518	2,722	204	8.1%	102	43	145
23-0000	Legal Occupations	18,342	19,895	1,553	8.5%	777	189	966
23-1000	Lawyers, Judges, and Related Workers	11,875	12,953	1,078	9.1%	539	139	678
23-1011	Lawyers	11,145	12,185	1,040	9.3%	520	130	650
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	208	216	8	3.8%	4	3	7
23-1022	Arbitrators, Mediators, and Conciliators	65	70	5	7.7%	3	1	4
23-1023	Judges, Magistrate Judges, and Magistrates	457	482	25	5.5%	13	6	19
23-2000	Legal Support Workers	5,798	6,245	447	7.7%	224	44	268
23-2011	Paralegals and Legal Assistants	3,288	3,644	356	10.8%	178	21	199
23-2091	Court Reporters	381	398	17	4.5%	9	4	13
23-2092	Law Clerks	1,310	1,354	44	3.4%	22	12	34
23-2093	Title Examiners, Abstractors, and Searchers	819	849	30	3.7%	15	8	23
23-9000	Miscellaneous Legal & Related Workers	669	697	28	4.2%	14	6	20
23-9099	Legal and Related Workers, All Other (OES Only)	669	697	28	4.2%	14	6	20
25-0000	Education, Training, and Library Occupations	129,019	140,686	11,667	9.0%	5,834	2,732	8,566
25-1000	Postsecondary Teachers	29,828	32,748	2,920	9.8%	1,460	732	2,192
25-1011	Business Teachers, Postsecondary	2,287	2,510	223	9.8%	112	57	169
25-1021	Computer Science Teachers, Postsecondary	2,047	2,245	198	9.7%	99	51	150
25-1022	Mathematical Science Teachers, Postsecondary	1,466	1,595	129	8.8%	65	36	101
25-1031	Architecture Teachers, Postsecondary	**	**	**	33.3%	**	**	**
25-1032	Engineering Teachers, Postsecondary	1,941	2,119	178	9.2%	89	49	138
25-1041	Agricultural Sciences Teachers, Postsecondary	299	326	27	9.0%	14	8	22
25-1042	Biological Science Teachers, Postsecondary	731	798	67	9.2%	34	18	52
25-1043	Forestry and Conservation Science Teachers, Postsecondary	35	39	4	11.4%	2	1	3
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	135	147	12	8.9%	6	4	10
25-1052	Chemistry Teachers, Postsecondary	1,291	1,410	119	9.2%	60	32	92
25-1053	Environmental Science Teachers, Postsecondary	258	284	26	10.1%	13	7	20
25-1054	Physics Teachers, Postsecondary	269	294	25	9.3%	13	7	20
25-1061	Anthropology and Archeology Teachers, Postsecondary	34	37	3	8.8%	2	1	3

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25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	13	14	1	7.7%	1	1	2
25-1063	Economics Teachers, Postsecondary	497	543	46	9.3%	23	12	35
25-1064	Geography Teachers, Postsecondary	72	78	6	8.3%	3	2	5
25-1065	Political Science Teachers, Postsecondary	383	417	34	8.9%	17	9	26
25-1066	Psychology Teachers, Postsecondary	298	327	29	9.7%	15	8	23
25-1067	Sociology Teachers, Postsecondary	77	84	7	9.1%	4	2	6
25-1071	Health Specialties Teachers, Postsecondary	1,898	2,102	204	10.7%	102	45	147
25-1072	Nursing Instructors and Teachers, Postsecondary	784	864	80	10.2%	40	18	58
25-1081	Education Teachers, Postsecondary	800	873	73	9.1%	37	19	56
25-1082	Library Science Teachers, Postsecondary	**	**	**	**	**	**	**
25-1111	Criminal Justice and Law Enforcement Teachers,	95	104	9	9.5%	5	3	8
25-1112	Law Teachers, Postsecondary	16	17	1	6.3%	1	1	2
25-1113	Social Work Teachers, Postsecondary	**	**	**	33.3%	**	**	**
25-1121	Art, Drama, and Music Teachers, Postsecondary	970	1,066	96	9.9%	48	24	72
25-1122	Communications Teachers, Postsecondary	603	656	53	8.8%	27	15	42
25-1123	English Language and Literature Teachers, Postsecondary	1,731	1,887	156	9.0%	78	43	121
25-1124	Foreign Language and Literature Teachers, Postsecondary	509	558	49	9.6%	25	13	38
25-1125	History Teachers, Postsecondary	116	127	11	9.5%	6	3	9
25-1126	Philosophy and Religion Teachers, Postsecondary	131	144	13	9.9%	7	4	11
25-1191	Graduate Teaching Assistants	3,378	3,681	303	9.0%	152	86	238
25-1192	Home Economics Teachers, Postsecondary	72	78	6	8.3%	3	2	5
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	347	376	29	8.4%	15	9	24
25-1194	Vocational Education Teachers, Postsecondary	2,893	3,285	392	13.5%	196	67	263
25-1199	Postsecondary Teachers, All Other	3,343	3,651	308	9.2%	154	85	239
25-2000	Primary, Secondary, and Special Education School Teachers	64,308	69,857	5,549	8.6%	2,775	1,353	4,128
25-2011	Preschool Teachers, Except Special Education	7,151	8,138	987	13.8%	494	72	566
25-2012	Kindergarten Teachers, Except Special Education	2,721	2,991	270	9.9%	135	30	165
25-2021	Elementary School Teachers, Except Special Education	30,155	32,479	2,324	7.7%	1,162	637	1,799
25-2022	Middle School Teachers, Except Special and Vocational	6,809	7,256	447	6.6%	224	144	368
25-2023	Vocational Education Teachers, Middle School	164	174	10	6.1%	5	4	9
25-2031	Secondary School Teachers, Except Special and Vocational Education	11,538	12,494	956	8.3%	478	331	809
25-2032	Vocational Education Teachers, Secondary School	790	841	51	6.5%	26	23	49
25-2041	Special Education Teachers, Preschool, Kindergarten, and	3,118	3,436	318	10.2%	159	71	230
25-2042	Special Education Teachers, Middle School	771	845	74	9.6%	37	18	55
25-2043	Special Education Teachers, Secondary School	1,091	1,203	112	10.3%	56	25	81
25-3000	Other Teachers and Instructors	6,716	7,531	815	12.1%	408	75	483

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Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
25-3011	Adult Literacy, Remedial Education, and GED Teachers and	1,433	1,583	150	10.5%	75	16	91
25-3021	Self-Enrichment Education Teachers	3,319	3,779	460	13.9%	230	37	267
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES	1,964	2,169	205	10.4%	103	22	125
25-4000	Librarians, Curators, and Archivists	4,747	5,037	290	6.1%	145	145	290
25-4010	Archivists, Curators, and Museum Technicians	539	573	34	6.3%	17	13	30
25-4021	Librarians	2,363	2,495	132	5.6%	66	52	118
25-4031	Library Technicians	1,845	1,969	124	6.7%	62	81	143
25-9000	Other Education, Training, and Library Occupations	23,420	25,513	2,093	8.9%	1,047	429	1,476
25-9011	Audio-Visual Collections Specialists	121	129	8	6.6%	4	2	6
25-9021	Farm and Home Management Advisors	17	18	1	5.9%	1	1	2
25-9031	Instructional Coordinators	3,335	3,623	288	8.6%	144	51	195
25-9041	Teacher Assistants	19,799	21,580	1,781	9.0%	891	373	1,264
25-9199	Library, Museum, Training, and Other Education Workers, All Other (OES Only)	148	163	15	10.1%	8	3	11
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	32,736	35,018	2,282	7.0%	1,141	570	1,711
27-1000	Art and Design Workers	12,069	13,081	1,012	8.4%	506	164	670
27-1011	Art Directors	510	538	28	5.5%	14	11	25
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	191	205	14	7.3%	7	4	11
27-1014	Multi-Media Artists and Animators	982	1,031	49	5.0%	25	21	46
27-1021	Commercial and Industrial Designers	456	490	34	7.5%	17	6	23
27-1022	Fashion Designers	73	82	9	12.3%	5	1	6
27-1023	Floral Designers	1,617	1,771	154	9.5%	77	19	96
27-1024	Graphic Designers	4,367	4,745	378	8.7%	189	53	242
27-1025	Interior Designers	1,679	1,855	176	10.5%	88	21	109
27-1026	Merchandise Displayers and Window Trimmers	1,408	1,528	120	8.5%	60	17	77
27-1027	Set and Exhibit Designers	192	208	16	8.3%	8	3	11
27-1099	Art and Design Workers, All Other (OES Only)	594	628	34	5.7%	17	10	27
27-2000	Entertainers and Performers, Sports and Related Workers	5,499	5,921	422	7.7%	211	124	335
27-2011	Actors	97	104	7	7.2%	4	1	5
27-2012	Producers and Directors	1,099	1,135	36	3.3%	18	15	33
27-2021	Athletes and Sports Competitors	499	537	38	7.6%	19	9	28
27-2022	Coaches and Scouts	1,723	1,869	146	8.5%	73	32	105
27-2023	Umpires, Referees, and Other Sports Officials	617	708	91	14.7%	46	11	57
27-2031	Dancers	86	91	5	5.8%	3	7	10
27-2032	Choreographers	431	489	58	13.5%	29	31	60
27-2041	Music Directors and Composers	225	239	14	6.2%	7	5	12
27-2042	Musicians and Singers	619	642	23	3.7%	12	13	25

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SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	103	107	4	3.9%	2	1	3
27-3000	Media and Communication Workers	11,065	11,728	663	6.0%	332	195	527
27-3010	Announcers	687	690	3	0.4%	2	18	20
27-3020	News Analysts, Reporters and Correspondents	1,094	1,109	15	1.4%	8	25	33
27-3031	Public Relations Specialists	2,913	3,221	308	10.6%	154	39	193
27-3041	Editors	1,768	1,826	58	3.3%	29	40	69
27-3042	Technical Writers	901	941	40	4.4%	20	24	44
27-3043	Writers and Authors	1,858	1,935	77	4.1%	39	30	69
27-3091	Interpreters and Translators	1,417	1,555	138	9.7%	69	16	85
27-3099	Media and Communication Workers, All Other	427	451	24	5.6%	12	5	17
27-4000	Media and Communication Equipment Workers	4,103	4,288	185	4.5%	93	87	180
27-4011	Audio and Video Equipment Technicians	897	934	37	4.1%	19	23	42
27-4012	Broadcast Technicians	464	474	10	2.2%	5	12	17
27-4013	Radio Operators	16	16	0	0.0%	0	1	1
27-4014	Sound Engineering Technicians	159	161	2	1.3%	1	4	5
27-4021	Photographers	1,976	2,085	109	5.5%	55	36	91
27-4031	Camera Operators, Television, Video, and Motion Picture	277	294	17	6.1%	9	6	15
27-4032	Film and Video Editors	168	174	6	3.6%	3	3	6
27-4099	Media and Communication Equipment Workers, All Other	146	150	4	2.7%	2	4	6
29-0000	Healthcare Practitioners and Technical Occupations	107,552	119,143	11,591	10.8%	5,796	1,863	7,659
29-1000	Health Diagnosing and Treating Practitioners	66,826	73,954	7,128	10.7%	3,564	1,195	4,759
29-1011	Chiropractors	1,504	1,626	122	8.1%	61	25	86
29-1020	Dentists	3,588	3,851	263	7.3%	132	53	185
29-1031	Dietitians and Nutritionists	921	996	75	8.1%	38	24	62
29-1041	Optometrists	523	563	40	7.6%	20	16	36
29-1051	Pharmacists	3,657	4,165	508	13.9%	254	69	323
29-1061	Anesthesiologists	248	273	25	10.1%	13	3	16
29-1062	Family and General Practitioners	2,973	3,262	289	9.7%	145	36	181
29-1063	Internists, General	1,100	1,205	105	9.5%	53	13	66
29-1064	Obstetricians and Gynecologists	204	222	18	8.8%	9	3	12
29-1065	Pediatricians, General	660	724	64	9.7%	32	8	40
29-1066	Psychiatrists	289	318	29	10.0%	15	4	19
29-1067	Surgeons	287	315	28	9.8%	14	4	18
29-1069	Physicians and Surgeons, All Other	2,649	2,873	224	8.5%	112	32	144
29-1071	Physician Assistants	1,601	1,824	223	13.9%	112	23	135
29-1081	Podiatrists	374	397	23	6.1%	12	9	21
29-1111	Registered Nurses	35,077	38,922	3,845	11.0%	1,923	657	2,580

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Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
29-1121	Audiologists	265	290	25	9.4%	13	7	20
29-1122	Occupational Therapists	1,205	1,365	160	13.3%	80	15	95
29-1123	Physical Therapists	2,430	2,705	275	11.3%	138	19	157
29-1124	Radiation Therapists	779	886	107	13.7%	54	17	71
29-1125	Recreational Therapists	348	375	27	7.8%	14	8	22
29-1126	Respiratory Therapists	1,989	2,231	242	12.2%	121	63	184
29-1127	Speech-Language Pathologists	1,199	1,306	107	8.9%	54	31	85
29-1131	Veterinarians	1,447	1,576	129	8.9%	65	34	99
29-1199	Health Diagnosing and Treating Practitioners, All Other	1,509	1,684	175	11.6%	88	30	118
29-2000	Health Technologists and Technicians	38,793	43,065	4,272	11.0%	2,136	633	2,769
29-2011	Medical and Clinical Laboratory Technologists	2,147	2,351	204	9.5%	102	56	158
29-2012	Medical and Clinical Laboratory Technicians	3,281	3,576	295	9.0%	148	86	234
29-2021	Dental Hygienists	2,429	2,779	350	14.4%	175	17	192
29-2031	Cardiovascular Technologists and Technicians	896	1,004	108	12.1%	54	15	69
29-2032	Diagnostic Medical Sonographers	977	1,087	110	11.3%	55	17	72
29-2033	Nuclear Medicine Technologists	272	298	26	9.6%	13	5	18
29-2034	Radiologic Technologists and Technicians	4,171	4,605	434	10.4%	217	71	288
29-2041	Emergency Medical Technicians and Paramedics	1,832	2,045	213	11.6%	107	19	126
29-2051	Dietetic Technicians	915	998	83	9.1%	42	11	53
29-2052	Pharmacy Technicians	4,697	5,308	611	13.0%	306	56	362
29-2053	Psychiatric Technicians	836	914	78	9.3%	39	10	49
29-2054	Respiratory Therapy Technicians	570	642	72	12.6%	36	7	43
29-2055	Surgical Technologists	1,331	1,492	161	12.1%	81	16	97
29-2056	Veterinary Technologists and Technicians	1,633	1,835	202	12.4%	101	20	121
29-2061	Licensed Practical and Licensed Vocational Nurses	8,522	9,331	809	9.5%	405	173	578
29-2071	Medical Records and Health Information Technicians	3,159	3,566	407	12.9%	204	40	244
29-2081	Opticians, Dispensing	1,056	1,157	101	9.6%	51	17	68
29-2091	Orthotists and Prosthetists	69	77	8	11.6%	4	1	5
29-9000	Other Healthcare Practitioners and Technical Occupations	716	765	49	6.8%	25	15	40
29-9010	Occupational Health and Safety Specialists and Technicians	589	625	36	6.1%	18	12	30
29-9091	Athletic Trainers	127	140	13	10.2%	7	3	10
29-9100	Other Health Practitioners And Technical Workers	1,217	1,359	142	11.7%	71	21	92
29-9199	Health Professionals and Technicians, All Other (OES Only)	1,217	1,359	142	11.7%	71	21	92
31-0000	Healthcare Support Occupations	59,300	66,402	7,102	12.0%	3,551	934	4,485
31-1000	Nursing, Psychiatric, and Home Health Aides	30,317	33,669	3,352	11.1%	1,676	363	2,039
31-1011	Home Health Aides	9,156	10,350	1,194	13.0%	597	110	707
31-1012	Nursing Aides, Orderlies, and Attendants	20,569	22,662	2,093	10.2%	1,047	246	1,293
31-1013	Psychiatric Aides	592	657	65	11.0%	33	7	40

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Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
31-2000	Occupational and Physical Therapist Assistants and Aides	3,471	3,931	460	13.3%	230	54	284
31-2011	Occupational Therapist Assistants	218	242	24	11.0%	12	3	15
31-2012	Occupational Therapist Aides	95	106	11	11.6%	6	1	7
31-2021	Physical Therapist Assistants	1,635	1,847	212	13.0%	106	26	132
31-2022	Physical Therapist Aides	1,523	1,736	213	14.0%	107	25	132
31-9000	Other Healthcare Support Occupations	25,512	28,802	3,290	12.9%	1,645	517	2,162
31-9011	Massage Therapists	2,037	2,217	180	8.8%	90	45	135
31-9091	Dental Assistants	5,198	5,923	725	13.9%	363	140	503
31-9092	Medical Assistants	11,341	13,072	1,731	15.3%	866	207	1,073
31-9093	Medical Equipment Preparers	483	530	47	9.7%	24	9	33
31-9094	Medical Transcriptionists	1,606	1,750	144	9.0%	72	29	101
31-9095	Pharmacy Aides	612	668	56	9.2%	28	11	39
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	1,437	1,574	137	9.5%	69	27	96
31-9099	Healthcare Support Workers, All Other	2,798	3,068	270	9.6%	135	51	186
33-0000	Protective Service Occupations	63,035	67,490	4,455	7.1%	2,228	1,932	4,160
33-1000	First-Line Supervisors/Managers, Protective Service Workers	5,366	5,715	349	6.5%	175	162	337
33-1011	First-Line Supervisors/Managers of Correctional Officers	1,171	1,256	85	7.3%	43	32	75
33-1012	First-Line Supervisors/Managers of Police and Detectives	2,108	2,237	129	6.1%	65	63	128
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	1,120	1,196	76	6.8%	38	44	82
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	967	1,026	59	6.1%	30	24	54
33-2000	Fire Fighting and Prevention Workers	5,238	5,601	363	6.9%	182	140	322
33-2011	Fire Fighters	4,977	5,329	352	7.1%	176	133	309
33-2021	Fire Inspectors and Investigators	245	255	10	4.1%	5	7	12
33-2022	Forest Fire Inspectors and Prevention Specialists	16	17	1	6.3%	1	1	2
33-3000	Law Enforcement Workers	24,608	26,662	2,054	8.3%	1,027	557	1,584
33-3011	Bailiffs	244	257	13	5.3%	7	5	12
33-3012	Correctional Officers and Jailers	9,629	10,477	848	8.8%	424	190	614
33-3021	Detectives and Criminal Investigators	1,636	1,769	133	8.1%	67	41	108
33-3031	Fish and Game Wardens	284	299	15	5.3%	8	9	17
33-3041	Parking Enforcement Workers	190	201	11	5.8%	6	4	10
33-3051	Police and Sheriff's Patrol Officers	12,551	13,582	1,031	8.2%	516	308	824
33-3052	Transit and Railroad Police	74	77	3	4.1%	2	2	4
33-9000	Other Protective Service Workers	27,823	29,512	1,689	6.1%	845	1,074	1,919
33-9011	Animal Control Workers	304	320	16	5.3%	8	33	41
33-9021	Private Detectives and Investigators	641	690	49	7.6%	25	14	39
33-9031	Gaming Surveillance Officers and Gaming Investigators	1,060	1,115	55	5.2%	28	25	53

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Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
33-9032	Security Guards	20,151	21,378	1,227	6.1%	614	469	1,083
33-9091	Crossing Guards	1,036	1,123	87	8.4%	44	37	81
33-9099	Protective Service Workers, All Other	4,631	4,886	255	5.5%	128	497	625
35-0000	Food Preparation and Serving Related Occupations	212,622	229,505	16,883	7.9%	8,442	10,495	18,937
35-1000	Supervisors, Food Preparation and Serving Workers	17,795	19,122	1,327	7.5%	664	485	1,149
35-1011	Chefs and Head Cooks	1,955	2,094	139	7.1%	70	72	142
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	15,840	17,028	1,188	7.5%	594	413	1,007
35-2000	Cooks and Food Preparation Workers	54,945	58,903	3,958	7.2%	1,979	2,315	4,294
35-2011	Cooks, Fast Food	13,580	14,328	748	5.5%	374	543	917
35-2012	Cooks, Institution and Cafeteria	4,564	4,810	246	5.4%	123	187	310
35-2013	Cooks, Private Household	23	25	2	8.7%	1	1	2
35-2014	Cooks, Restaurant	14,738	15,857	1,119	7.6%	560	589	1,149
35-2015	Cooks, Short Order	3,074	3,280	206	6.7%	103	123	226
35-2021	Food Preparation Workers	18,966	20,603	1,637	8.6%	819	874	1,693
35-3000	Food and Beverage Serving Workers	109,771	119,315	9,544	8.7%	4,772	6,375	11,147
35-3011	Bartenders	8,500	8,984	484	5.7%	242	328	570
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	46,034	50,523	4,489	9.8%	2,245	2,537	4,782
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	6,537	7,027	490	7.5%	245	704	949
35-3031	Waiters and Waitresses	45,292	49,151	3,859	8.5%	1,930	2,659	4,589
35-3041	Food Servers, Nonrestaurant	3,408	3,630	222	6.5%	111	149	260
35-9000	Other Food Preparation and Serving Related Workers	30,111	32,165	2,054	6.8%	1,027	1,321	2,348
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	8,260	8,869	609	7.4%	305	374	679
35-9021	Dishwashers	11,869	12,576	707	6.0%	354	571	925
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	9,868	10,595	727	7.4%	364	372	736
35-9099	Food Preparation and Serving Related Workers, All Other	114	125	11	9.6%	6	5	11
37-0000	Building and Grounds Cleaning and Maintenance Occupations	97,580	104,601	7,021	7.2%	3,511	1,947	5,458
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	8,210	8,791	581	7.1%	291	127	418
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	3,996	4,287	291	7.3%	146	91	237
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn	4,214	4,504	290	6.9%	145	36	181
37-2000	Building Cleaning and Pest Control Workers	58,104	62,272	4,168	7.2%	2,084	1,133	3,217
37-2011	Janitors and Cleaners, Except Maids and Housekeeping	31,768	33,944	2,176	6.8%	1,088	611	1,699
37-2012	Maids and Housekeeping Cleaners	24,115	25,998	1,883	7.8%	942	494	1,436

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37-2021	Pest Control Workers	2,221	2,330	109	4.9%	55	29	84
37-3000	Grounds Maintenance Workers	31,266	33,538	2,272	7.3%	1,136	687	1,823
37-3011	Landscaping and Groundskeeping Workers	30,814	33,068	2,254	7.3%	1,127	677	1,804
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	236	241	5	2.1%	3	5	8
37-3013	Tree Trimmers and Pruners	104	108	4	3.8%	2	3	5
37-9099	Building and Grounds Cleaning and Maintenance Workers, All Other (OES Only)	112	121	9	8.0%	5	3	8
39-0000	Personal Care and Service Occupations	72,667	77,765	5,098	7.0%	2,549	1,868	4,417
39-1000	Supervisors, Personal Care and Service Workers	7,638	7,909	271	3.5%	136	172	308
39-1011	Gaming Supervisors	1,258	1,307	49	3.9%	25	26	51
39-1012	Slot Key Persons	2,054	2,121	67	3.3%	34	42	76
39-1021	First-Line Supervisors/Managers of Personal Service Workers	4,326	4,481	155	3.6%	78	105	183
39-2000	Animal Care and Service Workers	2,100	2,287	187	8.9%	94	50	144
39-2011	Animal Trainers	169	175	6	3.6%	3	4	7
39-2021	Nonfarm Animal Caretakers	1,931	2,112	181	9.4%	91	46	137
39-3000	Entertainment Attendants and Related Workers	10,535	11,074	539	5.1%	270	524	794
39-3011	Gaming Dealers	1,694	1,763	69	4.1%	35	72	107
39-3012	Gaming and Sports Book Writers and Runners	842	905	63	7.5%	32	35	67
39-3021	Motion Picture Projectionists	82	78	-4	-4.9%	-2	4	2
39-3031	Ushers, Lobby Attendants, and Ticket Takers	2,559	2,565	6	0.2%	3	216	219
39-3091	Amusement and Recreation Attendants	3,930	4,224	294	7.5%	147	142	289
39-3092	Costume Attendants	27	29	2	7.4%	1	1	2
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	401	439	38	9.5%	19	15	34
39-3199	Gaming Workers, All Other (OES Only)	1,000	1,071	71	7.1%	36	41	77
39-4000	Funeral Service Workers	347	367	20	5.8%	10	8	18
39-4011	Embalmers	117	122	5	4.3%	3	3	6
39-4021	Funeral Attendants	230	245	15	6.5%	8	5	13
39-5000	Personal Appearance Workers	11,778	12,284	506	4.3%	253	223	476
39-5011	Barbers	701	716	15	2.1%	8	20	28
39-5012	Hairdressers, Hairstylists, and Cosmetologists	8,018	8,357	339	4.2%	170	147	317
39-5092	Manicurists and Pedicurists	2,022	2,118	96	4.7%	48	37	85
39-5093	Shampooers	272	282	10	3.7%	5	5	10
39-5094	Skin Care Specialists	765	811	46	6.0%	23	14	37
39-6000	Transportation, Tourism, and Lodging Attendants	6,950	7,324	374	5.4%	187	132	319
39-6011	Baggage Porters and Bellhops	885	943	58	6.6%	29	27	56
39-6012	Concierges	450	483	33	7.3%	17	14	31
39-6021	Tour Guides and Escorts	1,023	1,097	74	7.2%	37	29	66
39-6022	Travel Guides	315	325	10	3.2%	5	9	14

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Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
39-6031	Flight Attendants	4,228	4,426	198	4.7%	99	54	153
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	49	50	1	2.0%	1	1	2
39-9000	Other Personal Care and Service Workers	33,319	36,520	3,201	9.6%	1,601	761	2,362
39-9011	Child Care Workers	10,749	11,720	971	9.0%	486	321	807
39-9021	Personal and Home Care Aides	9,864	11,111	1,247	12.6%	624	153	777
39-9031	Fitness Trainers and Aerobics Instructors	3,456	3,821	365	10.6%	183	76	259
39-9032	Recreation Workers	6,477	6,901	424	6.5%	212	146	358
39-9041	Residential Advisors	319	354	35	11.0%	18	7	25
39-9099	Personal Care and Service Workers, All Other	2,454	2,613	159	6.5%	80	59	139
41-0000	Sales and Related Occupations	274,134	296,783	22,649	8.3%	11,325	10,158	21,483
41-1000	Supervisors, Sales Workers	38,231	41,363	3,132	8.2%	1,566	647	2,213
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	27,587	30,136	2,549	9.2%	1,275	464	1,739
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	10,644	11,227	583	5.5%	292	183	475
41-2000	Retail Sales Workers	145,240	159,643	14,403	9.9%	7,202	7,539	14,741
41-2011	Cashiers	58,594	64,232	5,638	9.6%	2,819	3,883	6,702
41-2012	Gaming Change Persons and Booth Cashiers	996	1,049	53	5.3%	27	65	92
41-2021	Counter and Rental Clerks	9,788	10,441	653	6.7%	327	459	786
41-2022	Parts Salespersons	3,593	3,809	216	6.0%	108	110	218
41-2031	Retail Salespersons	72,269	80,112	7,843	10.9%	3,922	3,023	6,945
41-3000	Sales Representatives, Services	17,337	18,362	1,025	5.9%	513	334	847
41-3011	Advertising Sales Agents	2,947	3,144	197	6.7%	99	53	152
41-3021	Insurance Sales Agents	7,471	7,882	411	5.5%	206	173	379
41-3031	Securities, Commodities, and Financial Services Sales Agents	3,424	3,646	222	6.5%	111	35	146
41-3041	Travel Agents	3,495	3,690	195	5.6%	98	74	172
41-4000	Sales Representatives, Wholesale and Manufacturing	38,942	41,472	2,530	6.5%	1,265	1,015	2,280
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	12,411	13,124	713	5.7%	357	324	681
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	26,531	28,348	1,817	6.8%	909	691	1,600
41-9000	Other Sales and Related Workers	34,384	35,943	1,559	4.5%	780	625	1,405
41-9011	Demonstrators and Product Promoters	1,051	1,168	117	11.1%	59	24	83
41-9012	Models	20	21	1	5.0%	1	1	2
41-9021	Real Estate Brokers	4,002	4,142	140	3.5%	70	75	145
41-9022	Real Estate Sales Agents	5,528	5,798	270	4.9%	135	103	238
41-9031	Sales Engineers	1,003	1,058	55	5.5%	28	29	57
41-9041	Telemarketers	13,693	13,991	298	2.2%	149	214	363

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Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	1,832	1,975	143	7.8%	72	46	118
41-9099	Sales and Related Workers, All Other	7,255	7,790	535	7.4%	268	135	403
43-0000	Office and Administrative Support Occupations	436,182	462,840	26,658	6.1%	13,329	10,014	23,343
43-1000	Supervisors, Office and Administrative Support Workers	28,269	29,811	1,542	5.5%	771	556	1,327
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	28,269	29,811	1,542	5.5%	771	556	1,327
43-2000	Communications Equipment Operators	4,900	5,067	167	3.4%	84	128	212
43-2011	Switchboard Operators, Including Answering Service	4,198	4,386	188	4.5%	94	110	204
43-2021	Telephone Operators	476	459	-17	-3.6%	-9	13	5
43-2099	Communications Equipment Operators, All Other	226	222	-4	-1.8%	-2	5	3
43-3000	Financial Clerks	67,201	71,094	3,893	5.8%	1,947	1,590	3,537
43-3011	Bill and Account Collectors	10,583	11,198	615	5.8%	308	191	499
43-3021	Billing and Posting Clerks and Machine Operators	8,929	9,437	508	5.7%	254	142	396
43-3031	Bookkeeping, Accounting, and Auditing Clerks	32,229	34,018	1,789	5.6%	895	574	1,469
43-3041	Gaming Cage Workers	1,059	1,115	56	5.3%	28	69	97
43-3051	Payroll and Timekeeping Clerks	5,278	5,679	401	7.6%	201	134	335
43-3061	Procurement Clerks	1,146	1,190	44	3.8%	22	29	51
43-3071	Tellers	7,977	8,457	480	6.0%	240	453	693
43-4000	Information and Record Clerks	130,999	140,387	9,388	7.2%	4,694	2,660	7,354
43-4011	Brokerage Clerks	1,178	1,187	9	0.8%	5	14	19
43-4021	Correspondence Clerks	407	422	15	3.7%	8	13	21
43-4031	Court, Municipal, and License Clerks	2,976	3,153	177	5.9%	89	63	152
43-4041	Credit Authorizers, Checkers, and Clerks	3,949	4,186	237	6.0%	119	73	192
43-4051	Customer Service Representatives	59,072	63,731	4,659	7.9%	2,330	862	3,192
43-4061	Eligibility Interviewers, Government Programs	3,711	3,767	56	1.5%	28	92	120
43-4071	File Clerks	5,092	5,315	223	4.4%	112	157	269
43-4081	Hotel, Motel, and Resort Desk Clerks	4,055	4,444	389	9.6%	195	204	399
43-4111	Interviewers, Except Eligibility and Loan	4,107	4,594	487	11.9%	244	106	350
43-4121	Library Assistants, Clerical	1,036	1,111	75	7.2%	38	50	88
43-4131	Loan Interviewers and Clerks	6,141	6,219	78	1.3%	39	77	116
43-4141	New Accounts Clerks	1,286	1,374	88	6.8%	44	33	77
43-4151	Order Clerks	5,176	5,294	118	2.3%	59	120	179
43-4161	Human Resources Assistants, Except Payroll and	5,603	6,014	411	7.3%	206	123	329
43-4171	Receptionists and Information Clerks	19,948	22,037	2,089	10.5%	1,045	522	1,567
43-4181	Reservation and Transportation Ticket Agents and Travel	3,961	4,112	151	3.8%	76	106	182
43-4999	Financial, Information, and Record Clerks, All Other (OES	3,301	3,427	126	3.8%	63	48	111

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Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	64,836	68,921	4,085	6.3%	2,043	2,205	4,248
43-5011	Cargo and Freight Agents	724	741	17	2.3%	9	16	25
43-5021	Couriers and Messengers	2,607	2,741	134	5.1%	67	65	132
43-5031	Police, Fire, and Ambulance Dispatchers	1,452	1,533	81	5.6%	41	30	71
43-5032	Dispatchers, Except Police, Fire, and Ambulance	3,160	3,309	149	4.7%	75	66	141
43-5041	Meter Readers, Utilities	1,083	1,091	8	0.7%	4	34	38
43-5051	Postal Service Clerks	871	912	41	4.7%	21	21	42
43-5052	Postal Service Mail Carriers	4,713	4,929	216	4.6%	108	139	247
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	3,371	3,453	82	2.4%	41	81	122
43-5061	Production, Planning, and Expediting Clerks	4,810	5,091	281	5.8%	141	111	252
43-5071	Shipping, Receiving, and Traffic Clerks	15,531	16,926	1,395	9.0%	698	311	1,009
43-5081	Stock Clerks and Order Fillers	25,379	26,980	1,601	6.3%	801	1,303	2,104
43-5111	Weighers, Measurers, Checkers, and Samplers,	1,135	1,215	80	7.0%	40	30	70
43-5199	Material Recording, Scheduling, Dispatching, and Distributing Workers, All Other (OES Only)	**	**	**	**	**	**	**
43-6000	Secretaries and Administrative Assistants	66,164	69,645	3,481	5.3%	1,741	1,178	2,919
43-6011	Executive Secretaries and Administrative Assistants	30,767	32,491	1,724	5.6%	862	550	1,412
43-6012	Legal Secretaries	4,474	4,886	412	9.2%	206	79	285
43-6013	Medical Secretaries	3,219	3,499	280	8.7%	140	57	197
43-6014	Secretaries, Except Legal, Medical, and Executive	27,704	28,769	1,065	3.8%	533	493	1,026
43-9000	Other Office and Administrative Support Workers	73,813	77,915	4,102	5.6%	2,051	1,699	3,750
43-9011	Computer Operators	2,759	2,814	55	2.0%	28	58	86
43-9021	Data Entry Keyers	7,568	7,691	123	1.6%	62	182	244
43-9022	Word Processors and Typists	2,279	2,218	-61	-2.7%	-31	50	20
43-9031	Desktop Publishers	274	292	18	6.6%	9	6	15
43-9041	Insurance Claims and Policy Processing Clerks	2,720	2,857	137	5.0%	69	41	110
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	3,773	3,874	101	2.7%	51	120	171
43-9061	Office Clerks, General	48,335	51,885	3,550	7.3%	1,775	1,100	2,875
43-9071	Office Machine Operators, Except Computer	2,347	2,454	107	4.6%	54	62	116
43-9081	Proofreaders and Copy Markers	1,239	1,256	17	1.4%	9	32	41
43-9111	Statistical Assistants	189	190	1	0.5%	1	3	4
43-9999	Secretaries, Administrative Assistants, and Other Office	2,330	2,384	54	2.3%	27	48	75
45-0000	Farming, Fishing, and Forestry Occupations	22,131	21,853	-278	-1.3%	-139	642	503
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	1,118	1,110	-8	-0.7%	-4	26	22

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Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	958	957	-1	-0.1%	-1	22	22
45-1012	Farm Labor Contractors	**	**	**	-4.4%	**	**	**
45-2000	Agricultural Workers	19,727	19,473	-254	-1.3%	-127	584	457
45-2011	Agricultural Inspectors	318	327	9	2.8%	5	8	13
45-2021	Animal Breeders	57	56	-1	-1.8%	-1	1	1
45-2041	Graders and Sorters, Agricultural Products	556	561	5	0.9%	3	15	18
45-2091	Agricultural Equipment Operators	1,754	1,745	-9	-0.5%	-5	52	48
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	16,604	16,351	-253	-1.5%	-127	494	368
45-2093	Farmworkers, Farm and Ranch Animals	438	433	-5	-1.1%	-3	15	13
45-3000	Fishing and Hunting Workers	12	11	-1	-8.3%	-1	1	1
45-3011	Fishers and Related Fishing Workers	**	**	**	**	**	**	**
45-3021	Hunters and Trappers	**	**	**	-10.0%	**	**	**
45-4000	Forest, Conservation, and Logging Workers	158	162	4	2.5%	2	3	5
45-4011	Forest and Conservation Workers	47	46	-1	-2.1%	-1	1	1
45-4021	Fallers	11	12	1	9.1%	1	0	1
45-4022	Logging Equipment Operators	95	99	4	4.2%	2	2	4
45-4023	Log Graders and Scalers	**	**	**	**	**	**	**
45-9000	Other Farming, Fishing, and Forestry Workers	1,116	1,097	-19	-1.7%	-10	30	21
45-9099	Farming, Fishing, and Forestry Workers, All Other (OES Only)	1,116	1,097	-19	-1.7%	-10	30	21
47-0000	Construction and Extraction Occupations	202,160	226,991	24,831	12.3%	12,416	3,882	16,298
47-1000	Supervisors, Construction and Extraction Workers	14,557	16,263	1,706	11.7%	853	216	1,069
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	14,557	16,263	1,706	11.7%	853	216	1,069
47-2000	Construction Trades Workers	160,252	180,345	20,093	12.5%	10,047	2,755	12,802
47-2011	Boilermakers	350	393	43	12.3%	22	13	35
47-2021	Brickmasons and Blockmasons	4,624	5,286	662	14.3%	331	63	394
47-2022	Stonemasons	1,484	1,680	196	13.2%	98	20	118
47-2031	Carpenters	39,563	43,863	4,300	10.9%	2,150	588	2,738
47-2041	Carpet Installers	2,412	2,692	280	11.6%	140	34	174
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	413	460	47	11.4%	24	6	30
47-2043	Floor Sanders and Finishers	**	**	**	**	**	**	**
47-2044	Tile and Marble Setters	2,498	2,899	401	16.1%	201	35	236
47-2051	Cement Masons and Concrete Finishers	9,289	10,723	1,434	15.4%	717	176	893
47-2053	Terrazzo Workers and Finishers	49	57	8	16.3%	4	1	5
47-2061	Construction Laborers	23,664	26,429	2,765	11.7%	1,383	297	1,680
47-2071	Paving, Surfacing, and Tamping Equipment Operators	1,739	1,904	165	9.5%	83	24	107
47-2072	Pile-Driver Operators	61	66	5	8.2%	3	1	4

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Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
47-2073	Operating Engineers and Other Construction Equipment	9,561	10,454	893	9.3%	447	239	686
47-2081	Drywall and Ceiling Tile Installers	8,946	10,328	1,382	15.4%	691	186	877
47-2082	Tapers	4,738	5,446	708	14.9%	354	99	453
47-2111	Electricians	12,392	14,104	1,712	13.8%	856	231	1,087
47-2121	Glaziers	804	913	109	13.6%	55	16	71
47-2130	Insulation Workers	838	950	112	13.4%	56	26	82
47-2141	Painters, Construction and Maintenance	10,130	11,444	1,314	13.0%	657	143	800
47-2142	Paperhangers	512	569	57	11.1%	29	6	35
47-2151	Pipelayers	1,963	2,146	183	9.3%	92	43	135
47-2152	Plumbers, Pipefitters, and Steamfitters	8,984	10,186	1,202	13.4%	601	199	800
47-2161	Plasterers and Stucco Masons	3,812	4,357	545	14.3%	273	63	336
47-2171	Reinforcing Iron and Rebar Workers	404	459	55	13.6%	28	7	35
47-2181	Roofers	6,029	6,907	878	14.6%	439	133	572
47-2211	Sheet Metal Workers	3,763	4,223	460	12.2%	230	89	319
47-2221	Structural Iron and Steel Workers	1,225	1,402	177	14.4%	89	22	111
47-3000	Helpers, Construction Trades	16,916	19,035	2,119	12.5%	1,060	705	1,765
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	2,210	2,468	258	11.7%	129	92	221
47-3012	Helpers--Carpenters	5,622	6,298	676	12.0%	338	235	573
47-3013	Helpers--Electricians	2,214	2,518	304	13.7%	152	92	244
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco	1,879	2,157	278	14.8%	139	79	218
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	2,732	3,063	331	12.1%	166	113	279
47-3016	Helpers--Roofers	792	910	118	14.9%	59	33	92
47-3019	Helpers, Construction Trades, All Other	1,467	1,621	154	10.5%	77	62	139
47-4000	Other Construction and Related Workers	7,085	7,657	572	8.1%	286	138	424
47-4011	Construction and Building Inspectors	2,040	2,193	153	7.5%	77	42	119
47-4021	Elevator Installers and Repairers	251	284	33	13.1%	17	7	24
47-4031	Fence Erectors	551	621	70	12.7%	35	8	43
47-4041	Hazardous Materials Removal Workers	1,437	1,603	166	11.6%	83	38	121
47-4051	Highway Maintenance Workers	2,140	2,256	116	5.4%	58	29	87
47-4061	Rail-Track Laying and Maintenance Equipment Operators	122	121	-1	-0.8%	-1	3	3
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	459	488	29	6.3%	15	13	28
47-4091	Segmental Pavers	85	91	6	7.1%	3	1	4
47-4900	All Other Construction Trades and Related Workers	1,690	1,902	212	12.5%	106	25	131
47-4999	Construction Trades and Related Workers, All Other (OES)	1,690	1,902	212	12.5%	106	25	131
47-5000	Extraction Workers	1,660	1,789	129	7.8%	65	43	108
47-5011	Derrick Operators, Oil and Gas	21	23	2	9.5%	1	1	2
47-5012	Rotary Drill Operators, Oil and Gas	**	**	**	**	**	**	**

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Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
47-5013	Service Unit Operators, Oil, Gas, and Mining	**	**	**	25.0%	**	**	**
47-5021	Earth Drillers, Except Oil and Gas	645	694	49	7.6%	25	14	39
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	163	178	15	9.2%	8	7	15
47-5041	Continuous Mining Machine Operators	**	**	**	4.8%	**	**	**
47-5042	Mine Cutting and Channeling Machine Operators	87	93	6	6.9%	3	3	6
47-5049	Mining Machine Operators, All Other	19	21	2	10.5%	1	1	2
47-5051	Rock Splitters, Quarry	239	258	19	7.9%	10	6	16
47-5071	Roustabouts, Oil and Gas	**	**	**	**	**	**	**
47-5081	Helpers--Extraction Workers	289	313	24	8.3%	12	8	20
47-5099	Extraction Workers, All Other	97	103	6	6.2%	3	3	6
49-0000	Installation, Maintenance, and Repair Occupations	103,363	111,170	7,807	7.6%	3,904	2,287	6,191
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	7,734	8,296	562	7.3%	281	178	459
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	7,734	8,296	562	7.3%	281	178	459
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	12,585	13,195	610	4.8%	305	220	525
49-2011	Computer, Automated Teller, and Office Machine Repairers	2,379	2,511	132	5.5%	66	26	92
49-2021	Radio Mechanics	184	178	-6	-3.3%	-3	4	1
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	3,334	3,341	7	0.2%	4	60	64
49-2091	Avionics Technicians	636	669	33	5.2%	17	15	32
49-2092	Electric Motor, Power Tool, and Related Repairers	198	207	9	4.5%	5	5	10
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	83	85	2	2.4%	1	2	3
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	2,042	2,153	111	5.4%	56	42	98
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	150	156	6	4.0%	3	3	6
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	134	144	10	7.5%	5	3	8
49-2097	Electronic Home Entertainment Equipment Installers and	1,689	1,790	101	6.0%	51	32	83
49-2098	Security and Fire Alarm Systems Installers	1,756	1,961	205	11.7%	103	31	134
49-2099	Electrical and Electronic Equipment Mechanics, Installers, and Repairers, All Other (OES Only)	**	**	**	**	**	**	**
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	35,315	37,811	2,496	7.1%	1,248	917	2,165
49-3011	Aircraft Mechanics and Service Technicians	3,130	3,283	153	4.9%	77	70	147
49-3021	Automotive Body and Related Repairers	2,988	3,196	208	7.0%	104	57	161
49-3022	Automotive Glass Installers and Repairers	1,309	1,370	61	4.7%	31	23	54
49-3023	Automotive Service Technicians and Mechanics	17,084	18,401	1,317	7.7%	659	444	1,103

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Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	4,019	4,284	265	6.6%	133	101	234
49-3041	Farm Equipment Mechanics	498	518	20	4.0%	10	10	20
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	2,627	2,792	165	6.3%	83	52	135
49-3043	Rail Car Repairers	126	128	2	1.6%	1	3	4
49-3051	Motorboat Mechanics	310	331	21	6.8%	11	8	19
49-3052	Motorcycle Mechanics	276	303	27	9.8%	14	7	21
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	194	207	13	6.7%	7	5	12
49-3091	Bicycle Repairers	142	155	13	9.2%	7	8	15
49-3092	Recreational Vehicle Service Technicians	424	467	43	10.1%	22	22	44
49-3093	Tire Repairers and Changers	2,188	2,376	188	8.6%	94	112	206
49-3099	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers, All Other (OES Only)	**	**	**	**	**	**	**
49-9000	Other Installation, Maintenance, and Repair Occupations	47,729	51,868	4,139	8.7%	2,070	973	3,043
49-9011	Mechanical Door Repairers	192	214	22	11.5%	11	5	16
49-9012	Control and Valve Installers and Repairers, Except Mechanical	838	900	62	7.4%	31	21	52
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and	6,436	7,382	946	14.7%	473	75	548
49-9031	Home Appliance Repairers	958	1,031	73	7.6%	37	23	60
49-9041	Industrial Machinery Mechanics	1,949	2,051	102	5.2%	51	36	87
49-9042	Maintenance and Repair Workers, General	21,358	23,051	1,693	7.9%	847	382	1,229
49-9043	Maintenance Workers, Machinery	1,524	1,566	42	2.8%	21	35	56
49-9044	Millwrights	342	359	17	5.0%	9	8	17
49-9045	Refractory Materials Repairers, Except Brickmasons	**	**	**	**	**	**	**
49-9051	Electrical Power-Line Installers and Repairers	701	731	30	4.3%	15	22	37
49-9052	Telecommunications Line Installers and Repairers	1,883	2,035	152	8.1%	76	50	126
49-9061	Camera and Photographic Equipment Repairers	40	42	2	5.0%	1	1	2
49-9062	Medical Equipment Repairers	150	161	11	7.3%	6	4	10
49-9063	Musical Instrument Repairers and Tuners	96	103	7	7.3%	4	3	7
49-9064	Watch Repairers	134	145	11	8.2%	6	4	10
49-9069	Precision Instrument and Equipment Repairers, All Other	171	176	5	2.9%	3	5	8
49-9091	Coin, Vending, and Amusement Machine Servicers and	645	691	46	7.1%	23	15	38
49-9092	Commercial Divers	**	**	**	**	**	**	**
49-9093	Fabric Menders, Except Garment	27	31	4	14.8%	2	1	3
49-9094	Locksmiths and Safe Repairers	350	359	9	2.6%	5	12	17
49-9095	Manufactured Building and Mobile Home Installers	403	450	47	11.7%	24	10	34
49-9096	Riggers	114	129	15	13.2%	8	3	11
49-9097	Signal and Track Switch Repairers	**	**	**	0.6%	**	**	**
49-9098	Helpers--Installation, Maintenance, and Repair Workers	3,645	3,986	341	9.4%	171	134	305
49-9099	Installation, Maintenance, and Repair Workers, All Other	5,457	5,957	500	9.2%	250	119	369

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Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
51-0000	Production Occupations	127,745	133,961	6,216	4.9%	3,108	3,042	6,150
51-1000	Supervisors, Production Workers	8,724	9,186	462	5.3%	231	167	398
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	8,724	9,186	462	5.3%	231	167	398
51-2000	Assemblers and Fabricators	25,744	26,476	732	2.8%	366	645	1,011
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems	816	855	39	4.8%	20	22	42
51-2021	Coil Winders, Tapers, and Finishers	413	413	0	0.0%	0	10	10
51-2022	Electrical and Electronic Equipment Assemblers	2,712	2,676	-36	-1.3%	-18	61	43
51-2023	Electromechanical Equipment Assemblers	638	641	3	0.5%	2	15	17
51-2031	Engine and Other Machine Assemblers	251	254	3	1.2%	2	7	9
51-2041	Structural Metal Fabricators and Fitters	838	877	39	4.7%	20	19	39
51-2091	Fiberglass Laminators and Fabricators	406	422	16	3.9%	8	11	19
51-2092	Team Assemblers	17,747	18,344	597	3.4%	299	452	751
51-2093	Timing Device Assemblers, Adjusters, and Calibrators	243	246	3	1.2%	2	6	8
51-2099	Assemblers and Fabricators, All Other	1,680	1,748	68	4.0%	34	44	78
51-3000	Food Processing Workers	10,302	10,900	598	5.8%	299	249	548
51-3011	Bakers	3,495	3,758	263	7.5%	132	85	217
51-3021	Butchers and Meat Cutters	2,466	2,568	102	4.1%	51	57	108
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	431	463	32	7.4%	16	10	26
51-3023	Slaughterers and Meat Packers	1,059	1,098	39	3.7%	20	24	44
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	213	224	11	5.2%	6	7	13
51-3092	Food Batchmakers	2,248	2,371	123	5.5%	62	58	120
51-3093	Food Cooking Machine Operators and Tenders	390	418	28	7.2%	14	9	23
51-3099	Food Processing Workers, All Other (OES Only)	**	**	**	**	**	**	**
51-4000	Metal Workers and Plastic Workers	21,235	22,146	911	4.3%	456	494	950
51-4011	Computer-Controlled Machine Tool Operators, Metal and	990	1,027	37	3.7%	19	14	33
51-4012	Numerical Tool and Process Control Programmers	134	138	4	3.0%	2	2	4
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	1,140	1,238	98	8.6%	49	38	87
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and	490	503	13	2.7%	7	7	14
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and	533	545	12	2.3%	6	12	18
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	1,883	1,969	86	4.6%	43	41	84
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	383	390	7	1.8%	4	10	14
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	840	859	19	2.3%	10	15	25

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Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	831	839	8	1.0%	4	15	19
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	490	519	29	5.9%	15	8	23
51-4041	Machinists	4,228	4,396	168	4.0%	84	94	178
51-4051	Metal-Refining Furnace Operators and Tenders	132	137	5	3.8%	3	3	6
51-4052	Pourers and Casters, Metal	53	54	1	1.9%	1	1	2
51-4061	Model Makers, Metal and Plastic	**	**	**	2.1%	**	**	**
51-4062	Patternmakers, Metal and Plastic	25	26	1	4.0%	1	1	2
51-4071	Foundry Mold and Coremakers	210	215	5	2.4%	3	5	8
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,485	1,520	35	2.4%	18	34	52
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	526	544	18	3.4%	9	14	23
51-4111	Tool and Die Makers	631	644	13	2.1%	7	13	20
51-4121	Welders, Cutters, Solderers, and Brazers	4,481	4,775	294	6.6%	147	123	270
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	418	435	17	4.1%	9	12	21
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	189	195	6	3.2%	3	8	11
51-4192	Lay-Out Workers, Metal and Plastic	75	79	4	5.3%	2	1	3
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	409	422	13	3.2%	7	9	16
51-4194	Tool Grinders, Filers, and Sharpeners	365	368	3	0.8%	2	11	13
51-4199	Metal Workers and Plastic Workers, All Other	247	261	14	5.7%	7	6	13
51-5000	Printing Workers	5,375	5,542	167	3.1%	84	122	206
51-5011	Bindery Workers	642	642	0	0.0%	0	17	17
51-5012	Bookbinders	**	**	**	**	**	**	**
51-5021	Job Printers	922	950	28	3.0%	14	22	36
51-5022	Prepress Technicians and Workers	717	714	-3	-0.4%	-2	16	15
51-5023	Printing Machine Operators	3,091	3,233	142	4.6%	71	68	139
51-6000	Textile, Apparel, and Furnishings Workers	10,720	11,388	668	6.2%	334	237	571
51-6011	Laundry and Dry-Cleaning Workers	4,366	4,654	288	6.6%	144	123	267
51-6021	Pressers, Textile, Garment, and Related Materials	1,542	1,656	114	7.4%	57	23	80
51-6031	Sewing Machine Operators	1,569	1,675	106	6.8%	53	18	71
51-6041	Shoe and Leather Workers and Repairers	299	315	16	5.4%	8	10	18
51-6042	Shoe Machine Operators and Tenders	**	**	**	**	**	**	**
51-6051	Sewers, Hand	48	50	2	4.2%	1	1	2

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Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
51-6052	Tailors, Dressmakers, and Custom Sewers	550	601	51	9.3%	26	10	36
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	15	15	0	0.0%	0	1	1
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	**	**	**	**	**	**	**
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and	21	22	1	4.8%	1	0	1
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters,	691	717	26	3.8%	13	12	25
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	**	**	**	4.3%	**	**	**
51-6092	Fabric and Apparel Patternmakers	64	66	2	3.1%	1	4	5
51-6093	Upholsterers	582	588	6	1.0%	3	15	18
51-6099	Textile, Apparel, and Furnishings Workers, All Other	859	912	53	6.2%	27	22	49
51-7000	Woodworkers	4,813	4,941	128	2.7%	64	126	190
51-7011	Cabinetmakers and Bench Carpenters	1,975	2,043	68	3.4%	34	52	86
51-7021	Furniture Finishers	653	673	20	3.1%	10	13	23
51-7031	Model Makers, Wood	70	72	2	2.9%	1	3	4
51-7032	Patternmakers, Wood	50	51	1	2.0%	1	2	3
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	823	843	20	2.4%	10	26	36
51-7042	Woodworking Machine Setters, Operators, and Tenders,	1,199	1,216	17	1.4%	9	31	40
51-7099	Woodworkers, All Other	43	43	0	0.0%	0	1	1
51-8000	Plant and System Operators	2,984	3,129	145	4.9%	73	84	157
51-8011	Nuclear Power Reactor Operators	**	**	**	4.0%	**	**	**
51-8012	Power Distributors and Dispatchers	89	91	2	2.2%	1	2	3
51-8013	Power Plant Operators	268	279	11	4.1%	6	6	12
51-8021	Stationary Engineers and Boiler Operators	572	596	24	4.2%	12	9	21
51-8031	Water and Liquid Waste Treatment Plant and System	1,428	1,509	81	5.7%	41	50	91
51-8091	Chemical Plant and System Operators	199	207	8	4.0%	4	6	10
51-8092	Gas Plant Operators	26	28	2	7.7%	1	1	2
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	122	126	4	3.3%	2	4	6
51-8099	Plant and System Operators, All Other	81	86	5	6.2%	3	3	6
51-9000	Other Production Occupations	37,848	40,253	2,405	6.4%	1,203	919	2,122
51-9011	Chemical Equipment Operators and Tenders	92	97	5	5.4%	3	3	6
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	643	679	36	5.6%	18	19	37
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	784	807	23	2.9%	12	20	32
51-9022	Grinding and Polishing Workers, Hand	1,153	1,191	38	3.3%	19	29	48
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	1,109	1,147	38	3.4%	19	28	47

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Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
51-9031	Cutters and Trimmers, Hand	199	212	13	6.5%	7	4	11
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	565	600	35	6.2%	18	12	30
51-9041	Extruding, Forming, Pressing, and Compacting Machine	675	681	6	0.9%	3	18	21
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	196	202	6	3.1%	3	5	8
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	6,365	6,747	382	6.0%	191	138	329
51-9071	Jewelers and Precious Stone and Metal Workers	524	571	47	9.0%	24	10	34
51-9081	Dental Laboratory Technicians	993	1,021	28	2.8%	14	21	35
51-9082	Medical Appliance Technicians	32	33	1	3.1%	1	1	2
51-9083	Ophthalmic Laboratory Technicians	1,023	1,095	72	7.0%	36	21	57
51-9111	Packaging and Filling Machine Operators and Tenders	3,238	3,603	365	11.3%	183	64	247
51-9121	Coating, Painting, and Spraying Machine Setters, Operators,	1,280	1,334	54	4.2%	27	33	60
51-9122	Painters, Transportation Equipment	708	769	61	8.6%	31	19	50
51-9123	Painting, Coating, and Decorating Workers	345	367	22	6.4%	11	9	20
51-9131	Photographic Process Workers	712	746	34	4.8%	17	17	34
51-9132	Photographic Processing Machine Operators	601	643	42	7.0%	21	15	36
51-9141	Semiconductor Processors	**	**	**	0.0%	**	**	**
51-9191	Cementing and Gluing Machine Operators and Tenders	156	161	5	3.2%	3	4	7
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators	163	169	6	3.7%	3	6	9
51-9193	Cooling and Freezing Equipment Operators and Tenders	**	**	**	4.3%	**	**	**
51-9194	Etchers and Engravers	67	69	2	3.0%	1	2	3
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	1,248	1,300	52	4.2%	26	29	55
51-9196	Paper Goods Machine Setters, Operators, and Tenders	773	805	32	4.1%	16	16	32
51-9197	Tire Builders	**	**	**	**	**	**	**
51-9198	Helpers--Production Workers	9,642	10,549	907	9.4%	454	283	737
51-9199	Production Workers, All Other	1,313	1,404	91	6.9%	46	31	77
53-0000	Transportation and Material Moving Occupations	163,692	174,334	10,642	6.5%	5,321	3,984	9,305
53-1000	Supervisors, Transportation and Material Moving Workers	6,314	6,637	323	5.1%	162	140	302
53-1011	Aircraft Cargo Handling Supervisors	155	165	10	6.5%	5	4	9
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	2,615	2,749	134	5.1%	67	58	125
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	3,544	3,723	179	5.1%	90	79	169
53-2000	Air Transportation Workers	4,102	4,307	205	5.0%	103	101	204
53-2011	Airline Pilots, Copilots, and Flight Engineers	2,924	3,064	140	4.8%	70	72	142
53-2012	Commercial Pilots	659	702	43	6.5%	22	17	39
53-2021	Air Traffic Controllers	406	424	18	4.4%	9	10	19
53-2022	Airfield Operations Specialists	113	117	4	3.5%	2	3	5
53-2099	Air Transportation Workers, All Other (OES Only)	**	**	**	**	**	**	**

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Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
53-3000	Motor Vehicle Operators	62,953	66,656	3,703	5.9%	1,852	881	2,733
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	**	**	**	8.2%	**	**	**
53-3021	Bus Drivers, Transit and Intercity	4,379	4,554	175	4.0%	88	90	178
53-3022	Bus Drivers, School	5,826	6,231	405	7.0%	203	127	330
53-3031	Driver/Sales Workers	6,462	6,787	325	5.0%	163	97	260
53-3032	Truck Drivers, Heavy and Tractor-Trailer	26,892	28,351	1,459	5.4%	730	404	1,134
53-3033	Truck Drivers, Light or Delivery Services	16,299	17,390	1,091	6.7%	546	133	679
53-3041	Taxi Drivers and Chauffeurs	1,784	1,899	115	6.4%	58	15	73
53-3099	Motor Vehicle Operators, All Other	1,066	1,179	113	10.6%	57	14	71
53-4000	Rail Transportation Workers	1,514	1,514	0	0.0%	0	35	35
53-4011	Locomotive Engineers	498	499	1	0.2%	1	14	15
53-4012	Locomotive Firers	**	**	**	**	**	**	**
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	**	**	**	20.0%	**	**	**
53-4021	Railroad Brake, Signal, and Switch Operators	316	307	-9	-2.8%	-5	3	-2
53-4031	Railroad Conductors and Yardmasters	**	**	**	1.0%	**	**	**
53-4041	Subway and Streetcar Operators	**	**	**	**	**	**	**
53-4099	Rail Transportation Workers, All Other	**	**	**	**	**	**	**
53-5000	Water Transportation Workers	197	208	11	5.6%	6	6	12
53-5011	Sailors and Marine Oilers	30	31	1	3.3%	1	1	2
53-5021	Captains, Mates, and Pilots of Water Vessels	114	120	6	5.3%	3	3	6
53-5022	Motorboat Operators	40	44	4	10.0%	2	1	3
53-5031	Ship Engineers	13	13	0	0.0%	0	1	1
53-5099	Water Transportation Workers, All Other (OES Only)	**	**	**	**	**	**	**
53-6000	Other Transportation Workers	6,298	6,694	396	6.3%	198	232	430
53-6011	Bridge and Lock Tenders	**	**	**	**	**	**	**
53-6021	Parking Lot Attendants	2,262	2,419	157	6.9%	79	74	153
53-6031	Service Station Attendants	1,475	1,577	102	6.9%	51	80	131
53-6041	Traffic Technicians	220	235	15	6.8%	8	7	15
53-6051	Transportation Inspectors	424	441	17	4.0%	9	10	19
53-6099	Transportation Workers, All Other	1,915	2,020	105	5.5%	53	62	115
53-7000	Material Moving Workers	82,314	88,318	6,004	7.3%	3,002	2,592	5,594
53-7011	Conveyor Operators and Tenders	696	722	26	3.7%	13	20	33
53-7021	Crane and Tower Operators	296	325	29	9.8%	15	6	21
53-7031	Dredge Operators	34	35	1	2.9%	1	1	2
53-7032	Excavating and Loading Machine and Dragline Operators	773	843	70	9.1%	35	21	56
53-7033	Loading Machine Operators, Underground Mining	90	95	5	5.6%	3	3	6
53-7041	Hoist and Winch Operators	13	15	2	15.4%	1	1	2

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Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Due to Growth	Due to Separations	Total
53-7051	Industrial Truck and Tractor Operators	7,303	7,725	422	5.8%	211	131	342
53-7061	Cleaners of Vehicles and Equipment	8,159	8,656	497	6.1%	249	314	563
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	44,516	47,847	3,331	7.5%	1,666	1,690	3,356
53-7063	Machine Feeders and Offbearers	748	768	20	2.7%	10	22	32
53-7064	Packers and Packers, Hand	17,649	19,163	1,514	8.6%	757	333	1,090
53-7071	Gas Compressor and Gas Pumping Station Operators	12	13	1	8.3%	1	1	2
53-7072	Pump Operators, Except Wellhead Pumps	32	33	1	3.1%	1	1	2
53-7081	Refuse and Recyclable Material Collectors	1,570	1,637	67	4.3%	34	40	74
53-7111	Shuttle Car Operators	**	**	**	**	**	**	**
53-7121	Tank Car, Truck, and Ship Loaders	**	**	**	3.2%	**	**	**
53-7199	Material Moving Workers, All Other	240	252	12	5.0%	6	7	13

*For more information on the Standard Occupational Classification (SOC) system, go to: www.bls.gov/soc/socguide.htm
 For Occupational Dictionary, see: www.workforce.az.gov/admin/uploadedPublications/1700_OccupationDictionary04.pdf

**Data suppressed due to confidentiality or base employment of 10 or less.

Prepared by Arizona Dept of Economic Security, Research Administration in cooperation with the U.S. Dept of Labor, Bureau of Labor Statistics, June 2005.

Headings in bold font are the major occupational groups of the Standard Occupational Classification (SOC) system.
 Major occupational groups of the SOC are a composite of all individual occupations listed below the major group heading.

Occupation codes ending in 000 (e.g. 11-1000, 11-2000, 11-3000, etc) are a summation of all the occupations listed below them.

Total annual openings are the sum of openings from growth plus openings from separations. Separations are vacancies caused by workers leaving the labor market or changing occupations. Thus an occupation that is not growing or is in decline could still have openings due to separations.

Totals may not add exactly due to rounding or suppression of data.

The projections presented should be viewed as indicators of relative magnitude and probable direction rather than as forecasts of absolute occupational demand.
 Furthermore, the occupational forecasts are only measures of expected employment and demand for labor and indicate little about future labor supply.
 It is therefore recommended that these data be used with other sources of occupational information.

See Notes worksheet for additional information on methodology.

For more information on occupational projections, visit: <http://stats.bls.gov/emp/optd/home.htm>

Methodology

Before using the data in this report, readers should understand this methodology and note its limitations. **The projections presented should be viewed as indicators of relative magnitude and probable direction rather than as forecasts of absolute occupational demand.**

Furthermore, the occupational forecasts are only measures of expected employment and demand for labor and indicate little about future labor supply. It is therefore recommended that these data be used with other sources of occupational information.

The total occupational employment of the forecast will be greater than the total nonfarm employment estimated by the Current Employment Statistics (CES) program and Occupational Employment Survey (OES) program for the following reasons. First, self employed, unpaid family workers, and agriculture workers are included in the projections, but not in CES and OES. Next, some industries are not included in the OES data because of low survey response rate and a base employment level that is too small to make any statistically significant estimates.

Employment projections provided in this publication were developed in cooperation with and using techniques based on those developed by the U.S Department of Labor's Bureau of Labor Statistics. This methodology is comprised of five basic steps:

- 1) Industry employment data is compiled from CES and unemployment insurance tax records.
- 2) A fraction of the industry employment is assumed to be self employed or unpaid family workers. The fraction is determined from national surveys and is added to the state's industry employment data.
- 3) Staffing patterns from state and national data are used to divide each industry's total employment into the different occupations for that industry.
- 4) Each industry's total employment is calculated during the forecast period according to the short term industry projections for the same time period that were produced by DES Research Administration. The short term industry projections are available online at:
<http://www.workforce.az.gov/?PAGEID=67&SUBID=174>
- 5) Total employment in any occupation is not only calculated by changes in the total industry employment, but also by changes in share of that occupation's employment in each industry. The change in the share of total industry employment of any occupation is known as the occupational change factor. When the occupational change factor is determined for each occupation in every industry, the occupational forecasts are finished.

To avoid the possible disclosure of confidential employer information, employment data have been suppressed if: less than three firms reported a single occupation; one firm reported more than 50 percent of the occupational estimate; or two firms combined reported more than 75 percent of the occupational estimate. In certain cases, releases may have been obtained from large employers to waive the confidentiality criteria.